



DR. KARTHIK ARIGELA

Consultant – Paediatrics & Paediatric Intensive Care

Qualification

MBBS | MD (Paediatrics) | Fellowship in Paediatric Intensive Care (IAP-IDPCCM) | Fellow – Paediatric Intensive Care, Birmingham Children’s Hospital, UK

Overview

Dr. Karthik Arigela is a highly skilled Paediatric Intensivist in Yelahanka. He is currently practising as a Consultant – Paediatrics & Paediatric Intensive Care Unit at Manipal Hospital Yelahanka, Bangalore, bringing specialised expertise in paediatric critical care, emergency medicine, and advanced life-support interventions for critically ill children. Recognised among the best paediatric intensivists in Yelahanka, he combines exceptional clinical acumen with a compassionate and child-centred approach, making him highly trusted by patients, families, and colleagues alike. Dr. Karthik’s medical journey began at JJM Medical College, Davangere, where he completed his MBBS in 2010, followed by an MD in Paediatrics in 2015, emerging as a university topper at RGUHS. His passion for paediatric critical care led him to pursue a prestigious Fellowship in Paediatric Intensive Care (IAP-IDPCCM) at Apollo Hospital, Chennai. Determined to gain global exposure and acquire advanced skills, he further trained at the world-renowned Birmingham Children’s Hospital in the United Kingdom—one of the leading centres for paediatric cardiac intensive care and post-

transplant paediatric support. This international experience significantly enriched his proficiency in handling high-risk paediatric emergencies, complex congenital cardiac cases, and post-transplant critical care. At Manipal Hospital Yelahanka, Dr. Karthik is known for his ability to expertly manage life-threatening paediatric emergencies such as septic shock, respiratory failure, MIS-C related to COVID-19, post-transplant complications, paediatric cardiac crises, and advanced ventilation support cases. He is proficient in advanced life support, ECMO, Extracorporeal Life Support (ECLS), invasive monitoring, and Point Of Care Ultrasound (POCUS), making him one of the best paediatric intensivists in Yelahanka for handling delicate, high-dependency paediatric cases. He plays a vital role in stabilising critically ill children, coordinating multidisciplinary care, and guiding parents through complex treatment decisions with clarity, empathy, and reassurance. Beyond clinical excellence, Dr. Karthik is an accomplished academician and faculty member of the Indian Academy of Pediatrics (IAP), Indian Society of Critical Care Medicine (ISCCM), and IAP College of Paediatric Critical Care (IAP-PCC). He actively contributes to paediatric education through teaching, mentoring, workshops, and training programs for postgraduate residents and paediatric fellows, particularly in intensive care protocols, procedural training, and simulated emergency scenario management. His leadership in fellowship training programs has shaped numerous young clinicians into skilled paediatric intensivists. Dr. Karthik is widely respected not only for his strong technical capabilities but also for his ability to cultivate teamwork and a supportive clinical environment. His approachable and compassionate nature helps build strong bonds with young patients and their families, making difficult hospital journeys emotionally easier. He is admired for his ability to remain composed in high-pressure situations, provide accurate and timely clinical decisions, and maintain the highest standards of paediatric intensive care. He has presented at national and state-level conferences and contributed to scientific literature, including peer-reviewed publications on

Multisystem Inflammatory Syndrome in Children related to COVID-19, hepatopulmonary syndrome diagnosis using bubble contrast echocardiography, and the role of cryobiopsy in paediatric lung disorders. His continuing research interests focus on improving paediatric critical care outcomes, advancing transplant medicine in pediatrics, and enhancing safety practices in paediatric ICUs. Committed to excellence, patient safety, and empathy-driven care, Dr. Karthik Arigela is an exceptional clinician who embodies professionalism, global expertise, and deep dedication to improving children's lives. For families seeking specialised care for critically ill children, Dr. Karthik is widely regarded as one of the best paediatric intensivists in Yelahanka, offering world-class critical care with a human touch.

Fellowship & Membership

- Fellowship in Paediatric Intensive Care – IAP-IDPCCM
- Fellow in Paediatric Intensive Care – Birmingham Children's Hospital, UK
- Indian Academy of Paediatrics (IAP)
- Indian Society of Critical Care Medicine (ISCCM)
- IAP – College of Paediatric Critical Care (IAP-PCC)
- IAP – National Respiratory Chapter

Field of Expertise

- Paediatric Intensive Care (PICU)
- Paediatric Emergency & Trauma Care
- Paediatric Pulmonary Critical Care
- Paediatric Cardiac Intensive Care
- Post Bone Marrow Transplant (BMT) & Neutropenic Child Care
- Paediatric Organ Transplant Critical Care

- Extracorporeal Life Support (ECLS) & ECMO
- Advanced Mechanical Ventilation & Hemodynamic Monitoring
- Accidental Poisoning in Children
- Inter-hospital & Air Transport of Critically Ill Children
- Point-of-Care Ultrasound (POCUS) – cardiac, lung, vascular & hemodynamic assessment
- Ultrasound-guided vascular access
- Nutritional Rehabilitation and support

Languages Spoken

- English
- Telugu
- Kannada
- Hindi

Awards & Achievements

- University Rank Holder – MD Paediatrics (RGUHS)
- National & State Faculty for PICU, POCUS, Ventilation & ECMO Workshops
- Widely appreciated for leadership, procedural expertise, and compassionate care
- Actively running and coordinating a PICU Fellowship Training Program for over 7 years

Talks & Publications

- Profile of Multisystem Inflammatory Syndrome in Children Related to COVID-19: A Multicentric Study from South India – Pediatric Infectious Disease Journal, 2023.

- Safety, Utility and Clinical Efficacy of Cryobiopsy of Lung in Paediatric Population - A Single Centre Experience - Lung India, 2023.
- Neonatal Alloimmune Thrombocytopenia Presenting as Intracerebral Bleeding - Indian Journal of Medical and Applied Sciences.
- Epidermolysis Bullosa in a Newborn - A Case Report - Scholars Journal of Applied Medical Sciences, 2014.
- Knowledge and Attitude of High School Students Regarding HIV/AIDS and STDs - International Journal of Research in Health Sciences, 2014.
- Bubble Contrast Echocardiography for Diagnosing Pulmonary AV Shunt - Video Journal of Clinical Research, 2020.